



Patent
Attorney Docket No. 018773-044

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Kouji Yamashita et al.

Application No.: 10/529,870

Filing Date: April 1, 2005

Group Art Unit: N/A

Examiner: N/A

Confirmation No.: N/A

Title: AIR CONDITIONING EQUIPMENT, FAN EQUIPMENT, METHOD OF REDUCING NOISE OF EQUIPMENT, PRESSURE PULSATION REDUCER FOR REFRIGERATION CYCLE EQUIPMENT, PRESSURE PULSATION REDUCER FOR PUMP EQUIPMENT AND METHOD OF REDUCING PRESSURE PULSATION OF EQUIPMENT

**FIRST
INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed is a FIRST Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge _____ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of _____ is enclosed for the fee due.
- ☐ Charge _____ to credit card. Form PTO-2038 is attached.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BUCHANAN INGERSOLL PC

By

Ellen Marcie Emas

Registration No. 32,131

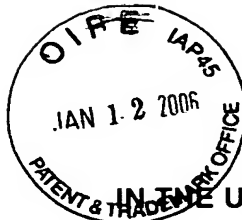
P.O. Box 1404
Alexandria, Virginia 22313-1404
(703) 836-6620

Date: January 12, 2006

Buchanan Ingersoll PC
ATTORNEYS

Including attorneys from Burns Doane Swecker & Mathis

(8/05)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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|----------------------------------|---|----------------------------------|
| In re Patent Application of |) | |
| |) | |
| Kouji Yamashita et al. |) | Group Art Unit: To Be Assigned |
| |) | |
| Application No.: 10/529,870 |) | Examiner: To Be Assigned |
| |) | |
| Filed: April 1, 2005 |) | Confirmation No.: To Be Assigned |
| |) | |
| For: AIR CONDITIONING EQUIPMENT, |) | |
| FAN EQUIPMENT, METHOD OF |) | |
| REDUCING NOISE OF EQUIPMENT, |) | |
| PRESSURE PULSATION REDUCER |) | |
| FOR REFRIGERATION CYCLE |) | |
| EQUIPMENT, PRESSURE PULSATION |) | |
| REDUCER FOR PUMP EQUIPMENT |) | |
| AND METHOD OF REDUCING |) | |
| PRESSURE PULSATION OF |) | |
| EQUIPMENT |) | |

FIRST INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.


The documents are being submitted within three (3) months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later. Since these documents are being filed within the time period set forth in 37 C.F.R. § 1.97(b), no fee or statement is required.

This Information Disclosure Statement contains information which is not in the English language but was cited in a search report or other action by a foreign patent office in a counterpart foreign application. In accordance with MPEP § 609 III A(3), an English language version of the search report or action which indicates the degree of relevance found by the foreign office is being submitted herewith.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BUCHANAN INGERSOLL PC

By: 
Ellen Marcie Emas
Registration No. 32,131

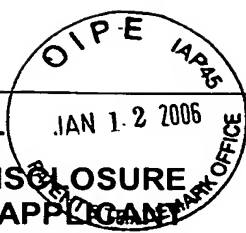
Date January 12, 2006

P.O. Box 1404
Alexandria, Virginia 22313-1404
(703) 836-6620

**FIRST
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

**Complete if Known**

| | |
|------------------------|------------------------|
| Application Number | 10/529,870 |
| Filing Date | April 1, 2005 |
| First Named Inventor | Kouji Yamashita et al. |
| Examiner Name | To Be Assigned |
| Attorney Docket Number | 018773-044 |

U.S. PATENT DOCUMENTS

| Examiner Initials | Document Number | Kind Code (if known) | Name of Patentee or Applicant of Cited Document | Issue/Publication Date (MM-DD-YYYY) |
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FOREIGN PATENT DOCUMENTS

| Examiner Initials | Document Number | Kind Code (if known) | Country | Date of Publication (MM-DD-YYYY) | STATUS | | | | | | |
|-------------------|-----------------|----------------------|---------|----------------------------------|-------------|---------------------|--------------------|---------------|------|----------|---------------|
| | | | | | Translation | Partial Translation | Eng. Lang. Summary | Search Report | IPER | Abstract | Cited in Spec |
| | SHO 58-194908 | | Japan | | | x | | | | x | |
| | SHO 57-173686 | | Japan | | | x | | | | x | |
| | 61-003943 | | Japan | | | x | | | | x | |
| | 04-369342 | | Japan | | | x | | | | x | |
| | 07-247905 | | Japan | | | x | | | | x | |
| | 08-143-149 | | Japan | | | x | | | | x | |
| | 2003-015656 | | Japan | | | x | | | | x | |
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NON-PATENT LITERATURE DOCUMENTS

| Examiner Initials | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. |
|-------------------|---|
| | Howe, M. S. "Attenuation of sound in a low Mach number nozzle flow." J. Fluid Mech. Volume 91, Part 2. pp. 209-229. 1979. |
| | Bechert, D. W. "SOUND ABSORPTION CAUSED BY VORTICITY SHEDDING, DEMONSTRATED WITH A JET FLOW." Journal of Sound and Vibration. Volume 70 (3). Pp. 389-405. 1980. |
| | Japan Patent Office. International Patent Application No.: PCT/JP03/10741. November 25, 2003. 2 pages. |
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|--------------------|--|-----------------|--|
| Examiner Signature | | Date Considered | |
|--------------------|--|-----------------|--|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.